



# Complete Streets Master Plan

*Presented by*

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March 20, 2019



# Complete Streets Master Plan

## Public Information Meeting #1

Council Chambers

March 20, 2019

### **Agenda**

1. Introductions
2. What are Complete Streets?
3. Master Plan Process
4. Visioning Exercise



# 1,400 Communities have Complete Streets Policies Nationwide



AMERICAN  
PUBLIC  
TRANSPORTATION  
ASSOCIATION



# 14 Complete Street Policies in Connecticut



“...consider the needs of all users of all abilities and ages (specifically including pedestrians, bicyclists, transit users, and vehicle operators) in the planning, programming, design, construction, retrofit and maintenance activities related to all roads and streets...”



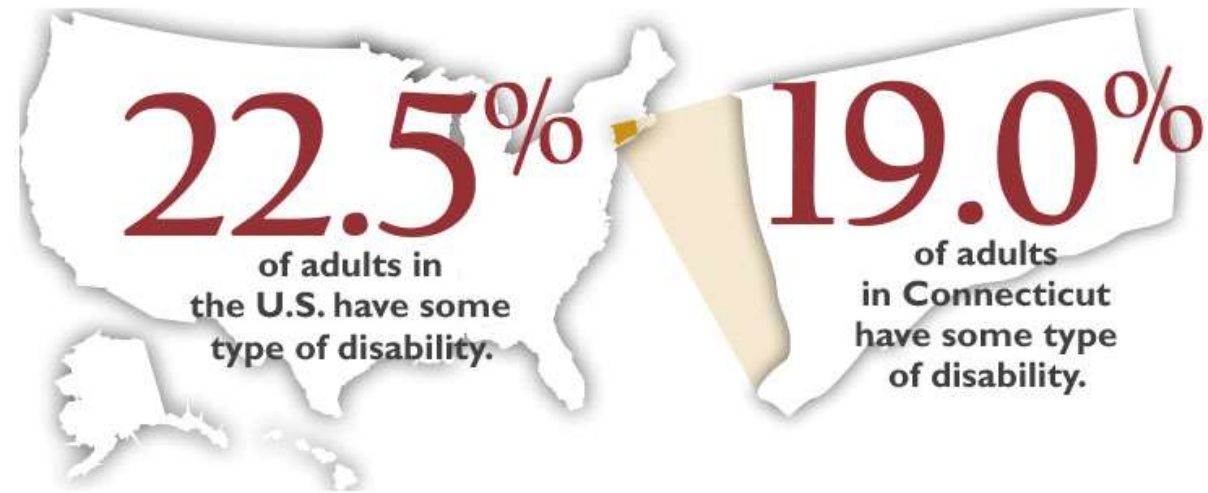
“CRCOG will support the goals of sustainable development and livable communities... Placing an emphasis on developing ‘Complete Streets’ that serve all users of the transportation network...”



“Complete Streets are Right-of-Ways that are planned, designed, constructed, operated and maintained in such a way as to enable safe, comfortable and convenient access along and across the Right-of-Way by users of all ages and abilities, including but not limited to, pedestrians, bicyclists, transit riders, motorists, emergency, freight and commercial vehicle operators.”



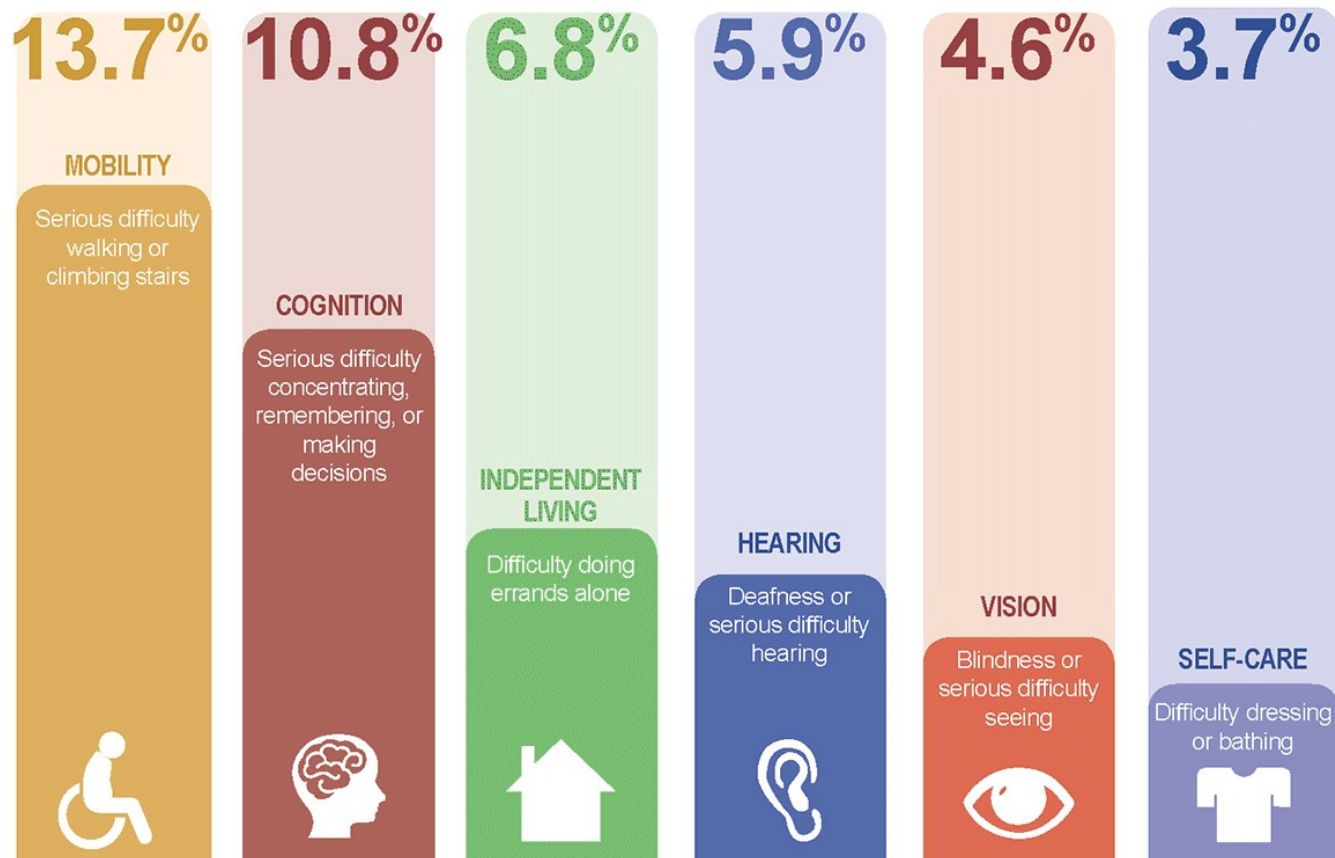
# American with Disabilities Act (ADA)



ADA gives federal civil rights protection to disabled people and applies to all public facilities:

- Parks and recreation facilities
- All sidewalks and accessible routes
- Bus stops and transit vehicles
- Parking requirements
- Railings on ramps

Percentage of adults with functional disability types



# Transportation Equity

Equal access to economic opportunities, educational institutions, health services, and recreational resources.

## What is Environmental Justice?

Federal policy identifying and addressing disproportionately high and adverse effects of the agency's programs, policies, and activities on minority populations and low-income populations to achieve an equitable distribution of benefits and burdens.

## What is Title VI?

Title VI of the Civil Rights Act states “No person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.”

### CT Low Income Families

\$48,678 for a family of four

30% of Children live in Low Income HH

415,653 families with 759,938 children

[https://www.fhwa.dot.gov/Environment/environmental\\_justice/](https://www.fhwa.dot.gov/Environment/environmental_justice/)

[http://www.nccp.org/profiles/CT\\_profile\\_6.html](http://www.nccp.org/profiles/CT_profile_6.html)





Photo Credit: Nicolas Bosonetto, City of Lowell





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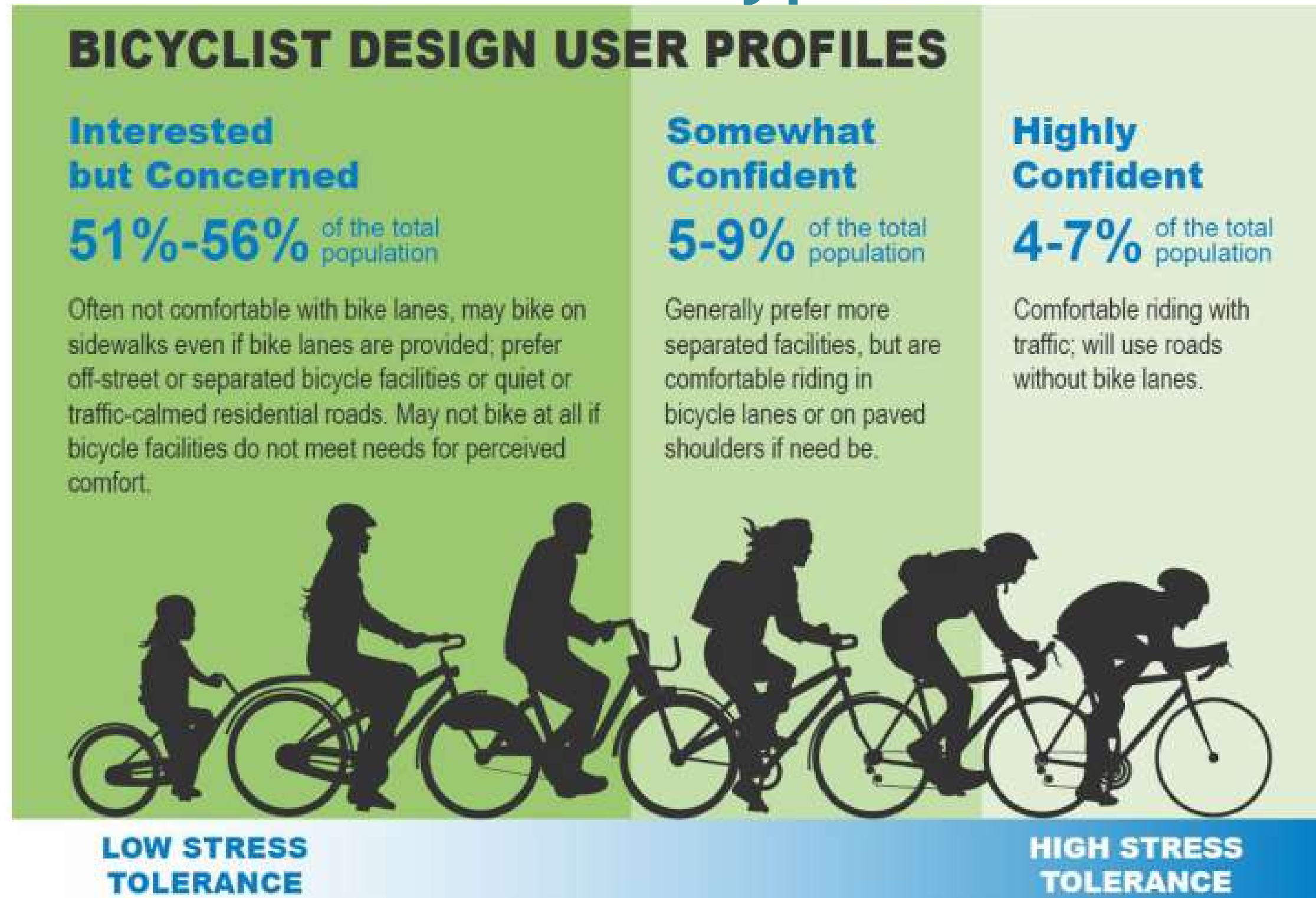




# 48 Users – Different Modes

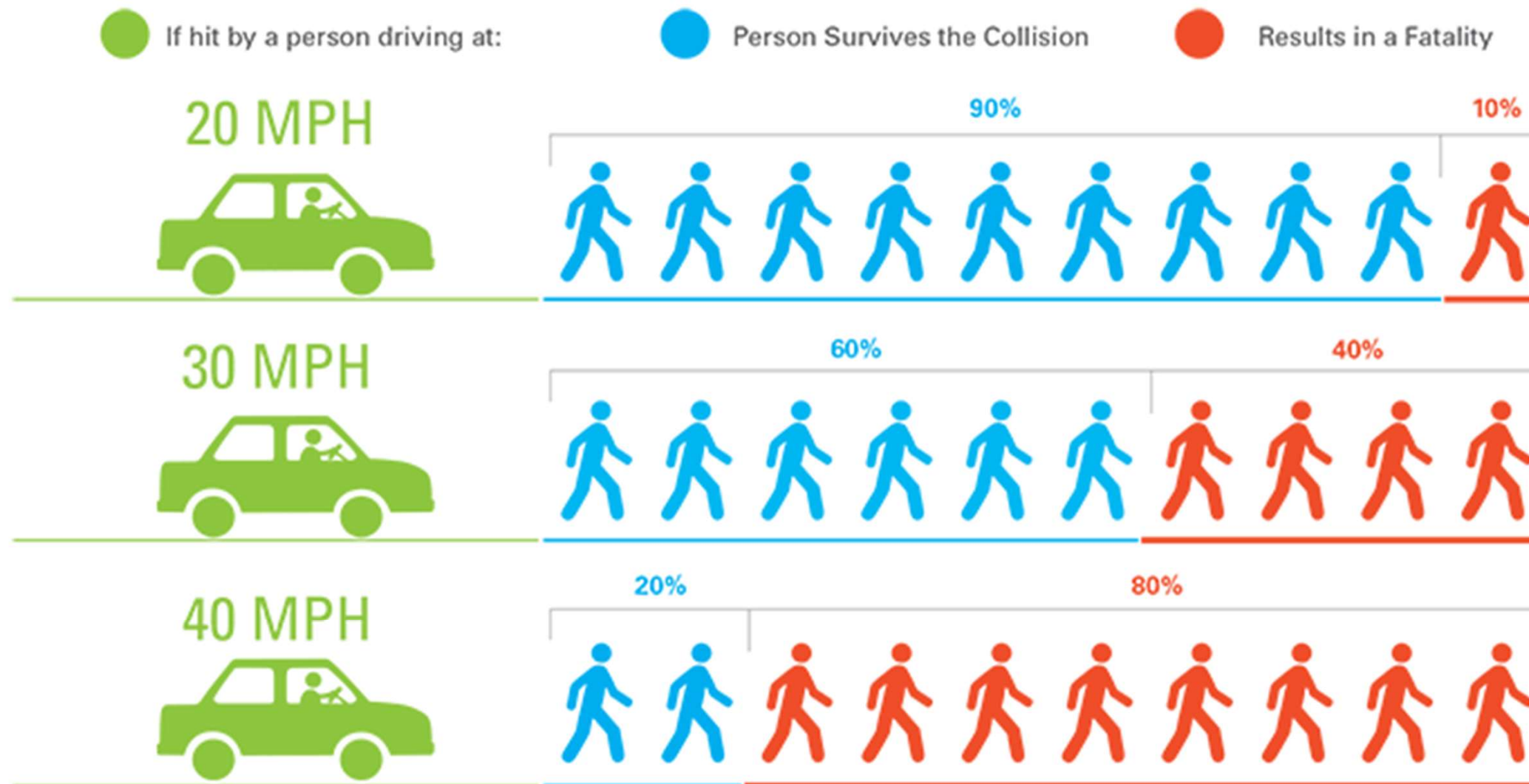


# User Types



Source: FHWA Bicycle Facility Selection Guide

# Speed Matters





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# What are Obstacles to Mobility?



Photo credit: AARP, Walk Audit Guidelines



# What are Obstacles to Mobility?



Photo credit: Nicolas Bosonetto, City of Lowell



Photo credit: <https://seeclickfix.com/issues/28509-some-genius-installed-a-telephone-pole-in-the-sidewalk-curb-cut>



# What are Obstacles to Mobility?



Photo credit: AARP, Walk Audit Guidelines



# What are Obstacles to Mobility?



Photo credit: Dan Burden, Walkable and Livable Communities Institute



# What are Obstacles to Mobility?



Source: <https://seeclickfix.com/issues/1276752-cars-blocking-sidewalk>



# What are Obstacles to Mobility?



Photo credit: CRCOG Complete Streets Presentation



# What are Obstacles to Mobility?



Photo credit: AARP, Walk Audit Guidelines



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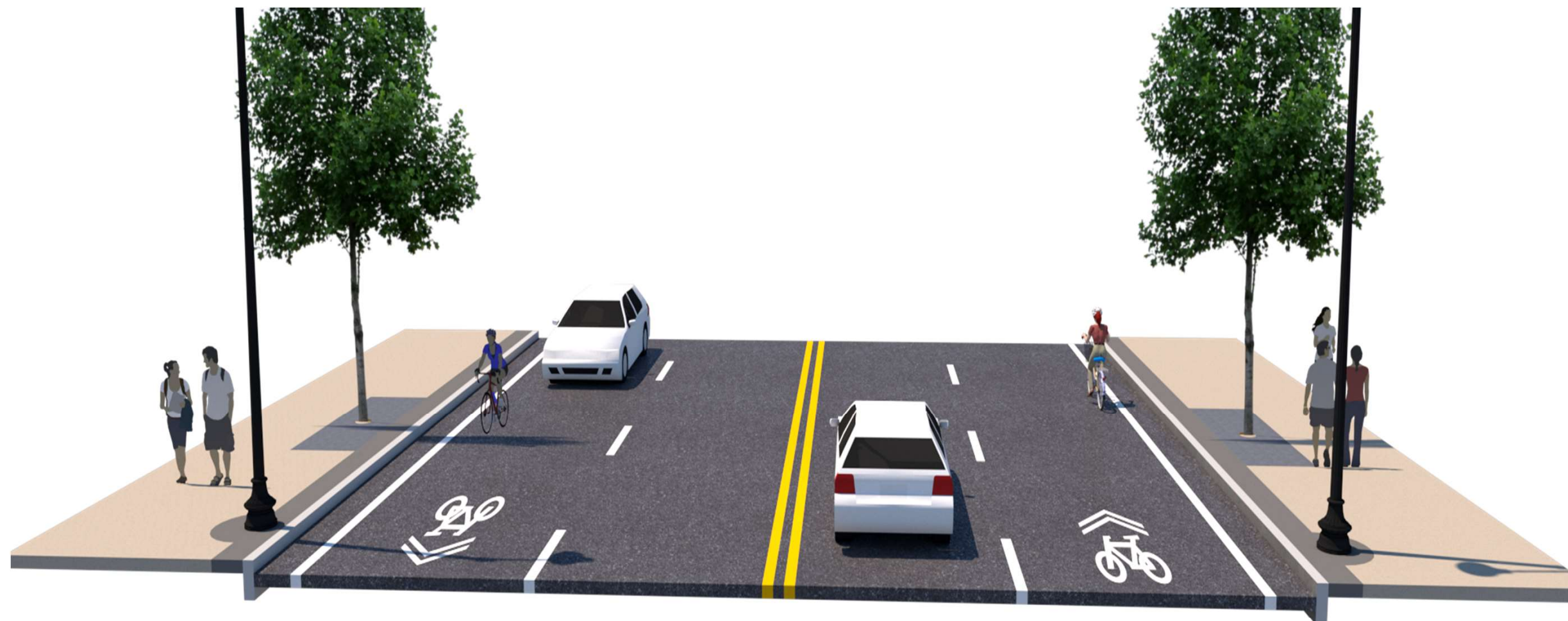


# Local Streets



Wide Sidewalks with dedicated Amenity Zone  
and a marked Shared Lane on Two Lane Road

# Four Lane Roadways



Wide Sidewalks with dedicated Amenity Zone  
and Roadway Bike Sharrows on Four Lane Road



# Four Lane Roadways – Road Diet



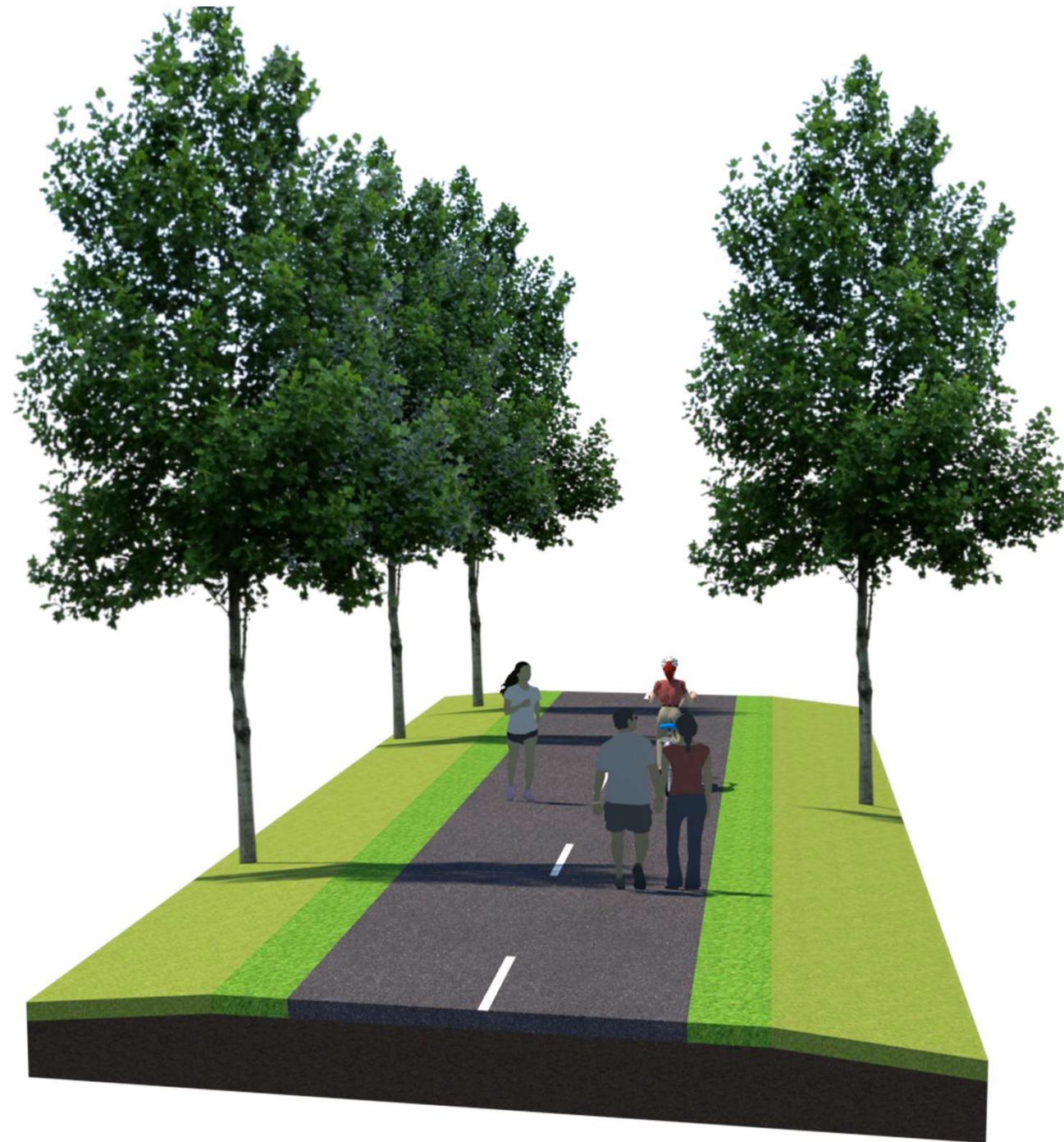
Wide Sidewalks with dedicated Amenity Zone  
and On-Street single-direction bike lanes



# Four Lane Roadways – Road Diet



Wide Sidewalks with dedicated Amenity Zone  
and On-Street single-direction bike lanes



Shared Use Path

# Hardscaping & Landscaping



Roadway Bump-Out and  
Curb Edge Infiltration Chamber





Complete Streets with Hardscaping and Drainage



# Small Improvements

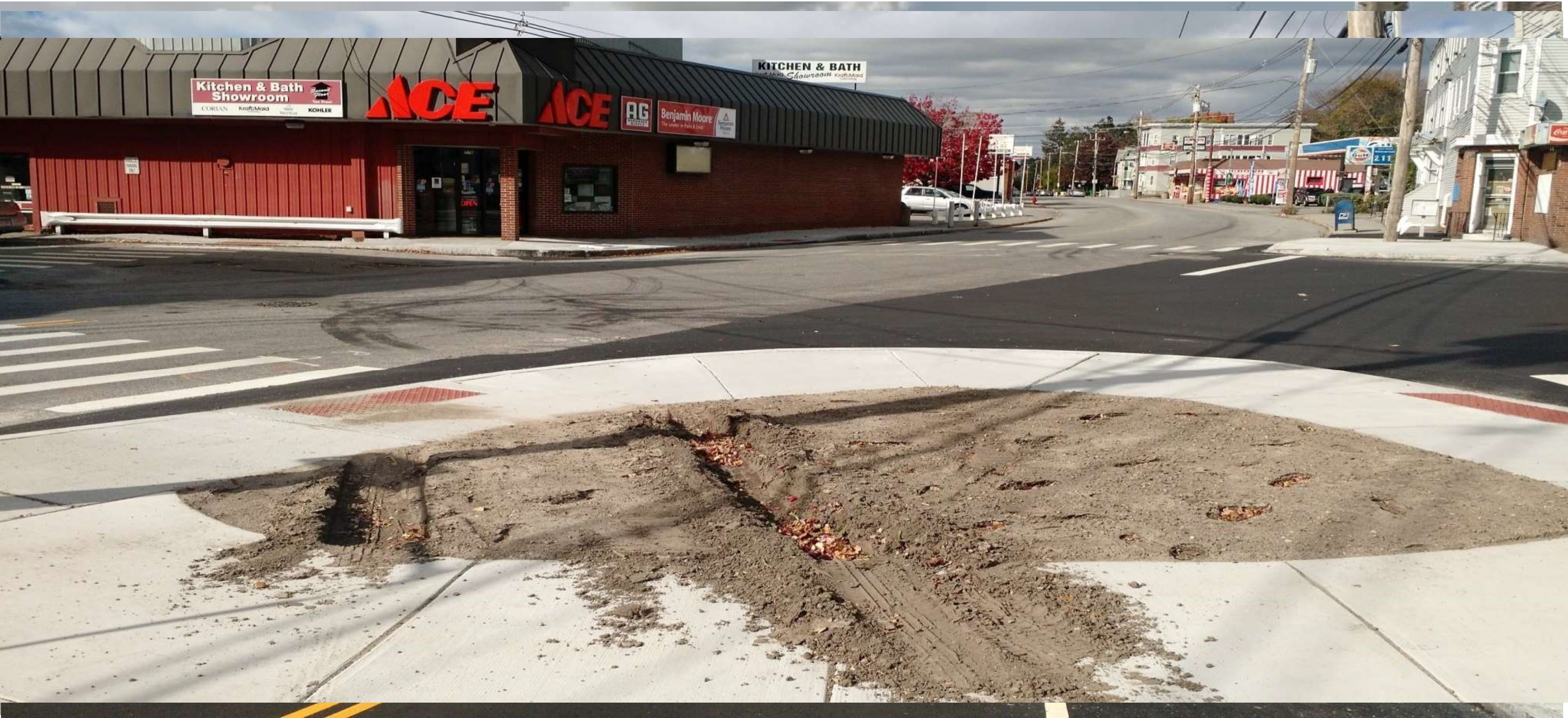


Photo credit: Nicolas Bosonetto, City of Lowell

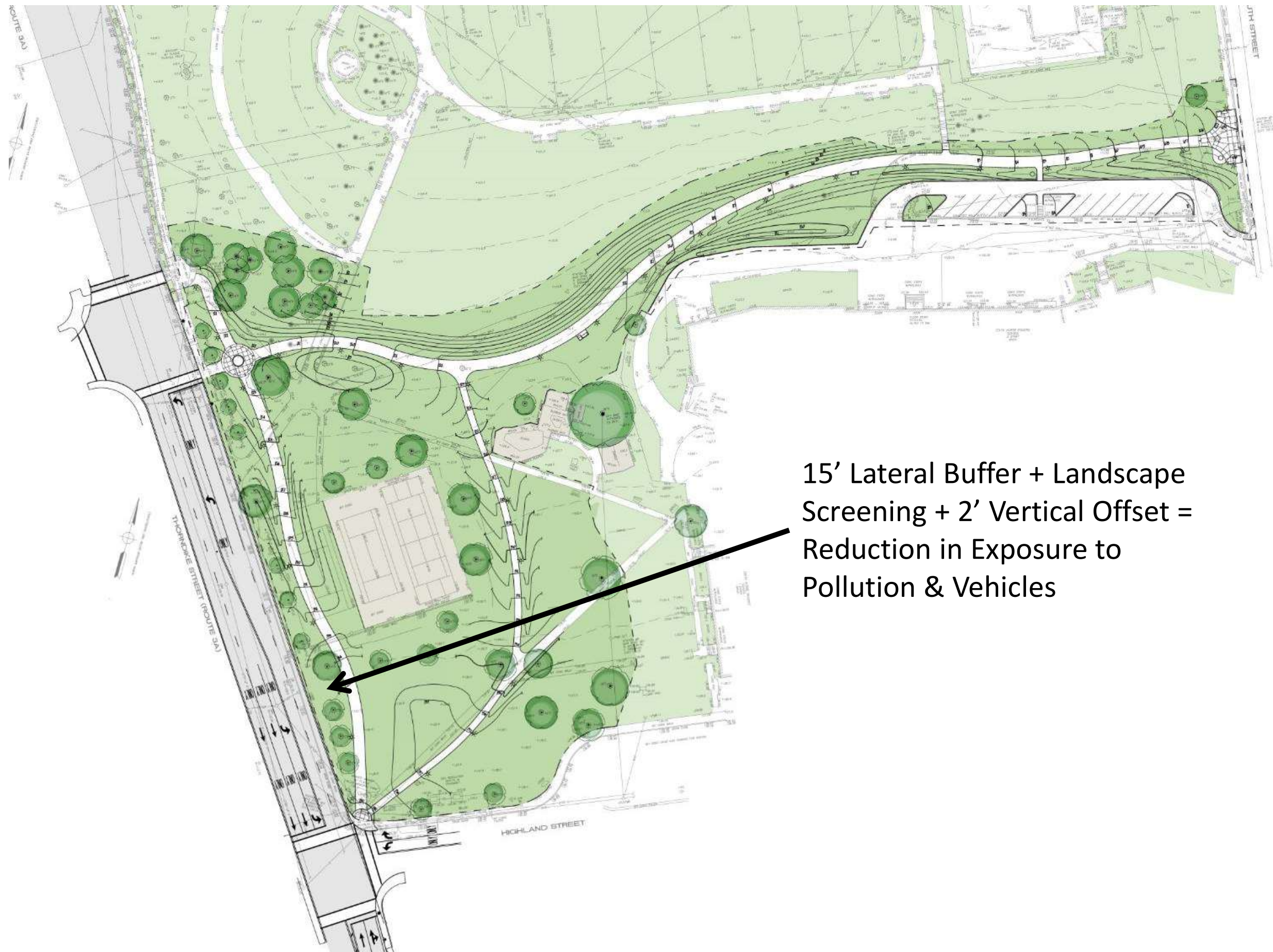


# Connectivity Improvements



Photo credit: Google Maps





15' Lateral Buffer + Landscape  
Screening + 2' Vertical Offset =  
Reduction in Exposure to  
Pollution & Vehicles



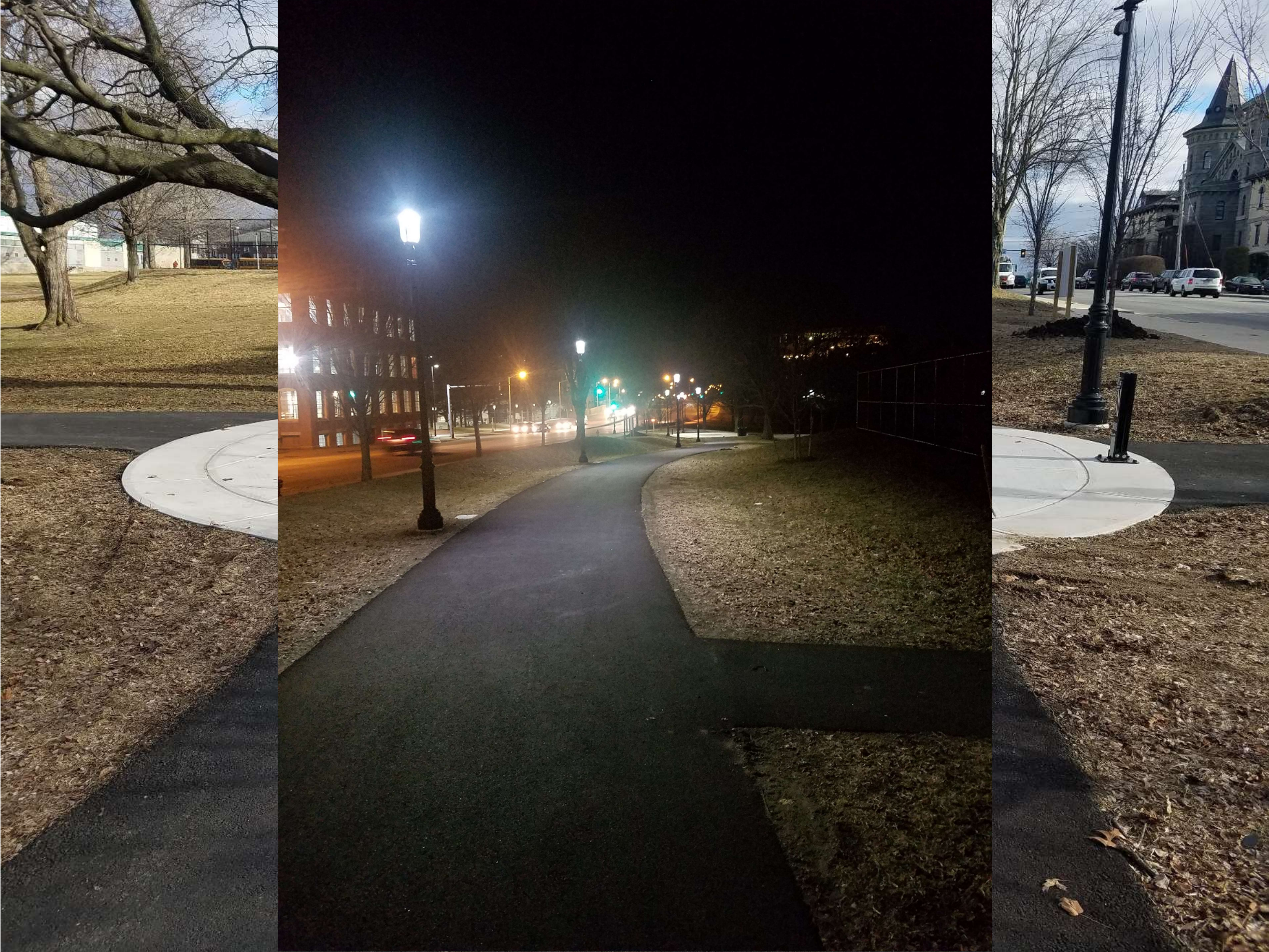


Photo credit: Nicolas Bosonetto, City of Lowell





Photo credit: Nicolas Bosonetto, City of Lowell





Photo credit: Nicolas Bosonetto, City of Lowell

# Complete Streets Master Plan

## I. Inventory

- Existing network conditions,
- Origins and Destinations,
- Gaps in connectivity

## II. Complete Streets Tool Box

- Multi-modal improvement options & guidelines
- Landscaping/hardscaping components

## III. Network Improvements Plan

- Town-wide Network
- Six Priority Corridors
- Four target locations

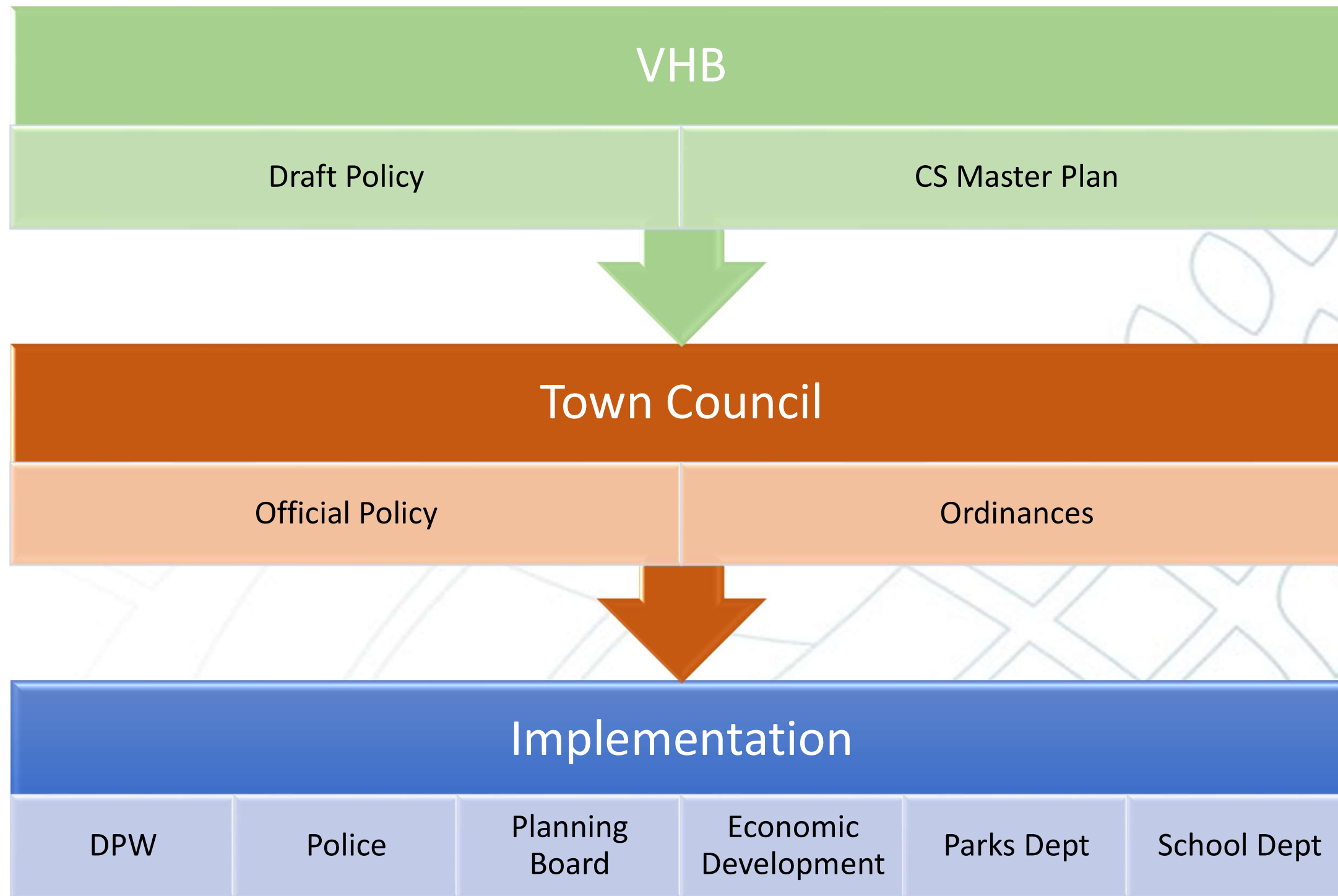




# Complete Streets Schedule

- Three Public Information Meetings
  - March 20<sup>th</sup>
  - May 15<sup>th</sup>
  - June 12<sup>th</sup> - Subcommittee
- Three Stakeholder Meetings
  - April 3<sup>rd</sup>
  - April 24<sup>th</sup>
  - May 28<sup>th</sup>
- Town Council – Public Hearing
  - Present draft Plan and Policy
  - June 24<sup>th</sup>

# Complete Streets Implementation



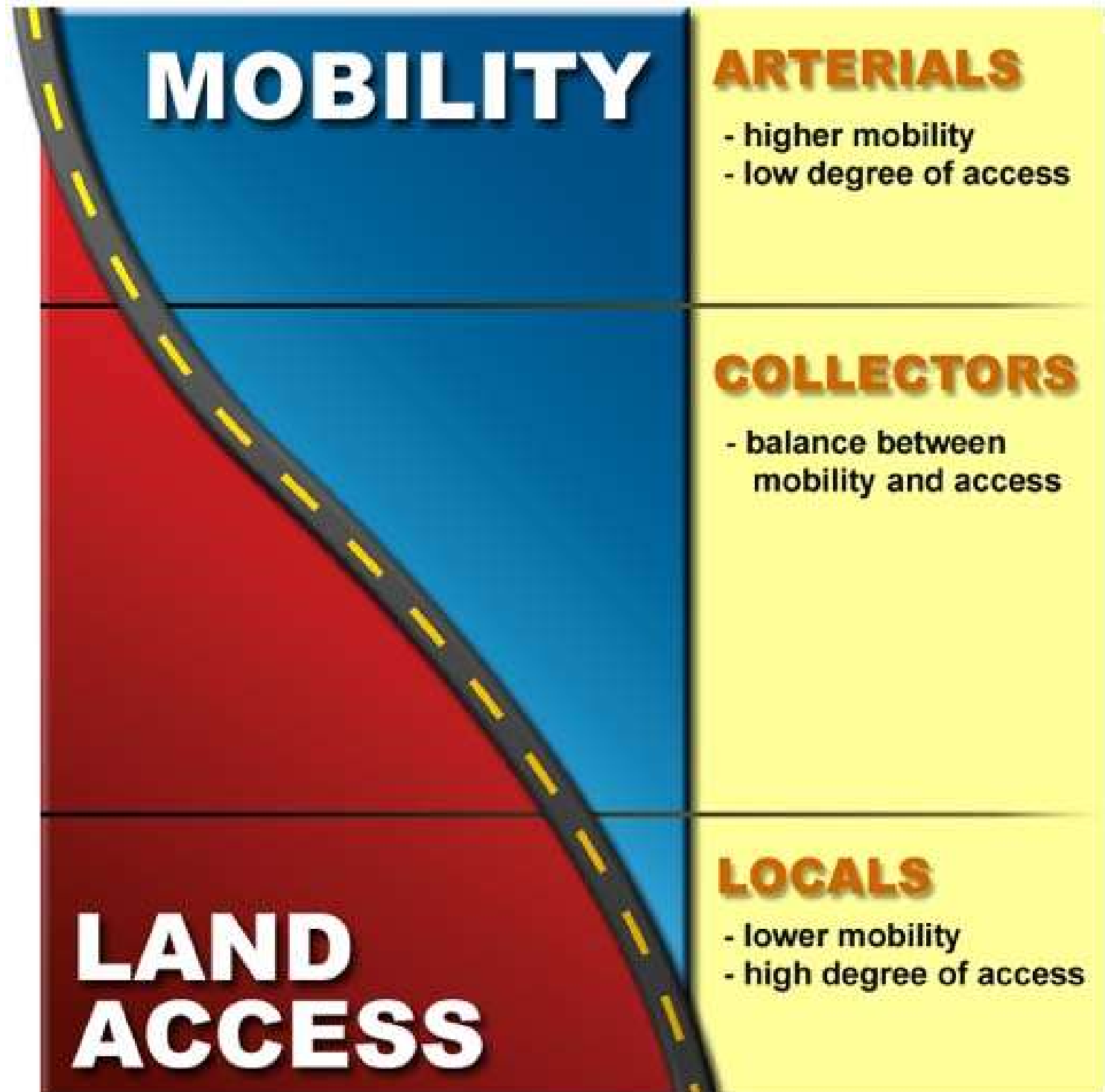


# Visioning Exercise

## Desired Future Characteristics

- ▶ Origins and Destinations
- ▶ Modes of Travel & User Types
- ▶ Corridors
- ▶ Multi-Modal Connections
- ▶ Physical Characteristics (hardscape, landscape, lights, furniture, colors, etc.)
- ▶ Safety

# Roadway Network & Crashes

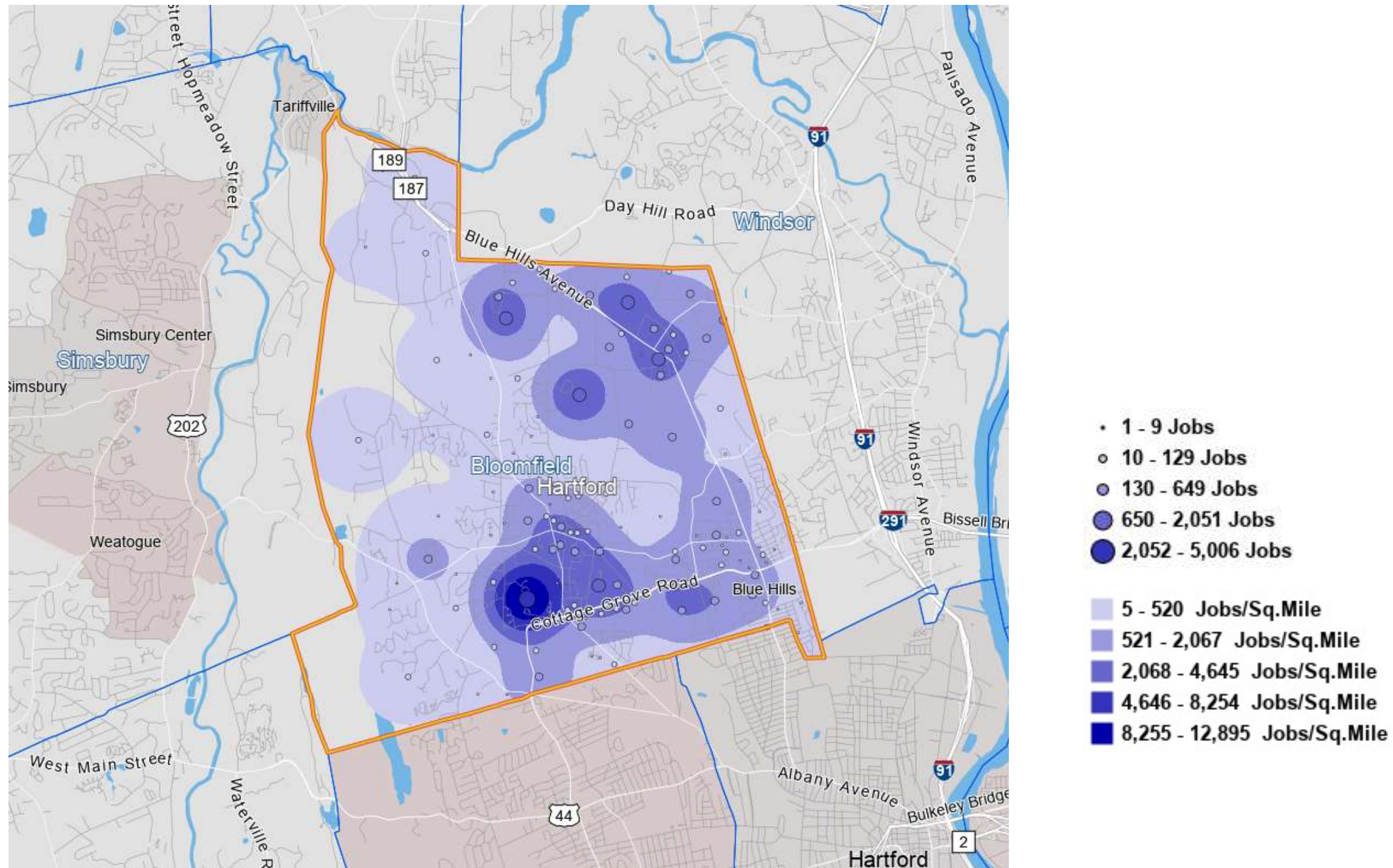


- Crashes – 3 year (2015-2017)
- High Crash locations
- Blue Hills Avenue Corridor (118 crashes)
- Cottage Grove Intersections
  - Blue Hills Ave (63 crashes)
  - Packard Street (14)
  - School Street (13)
  - Bloomfield Ave (13)



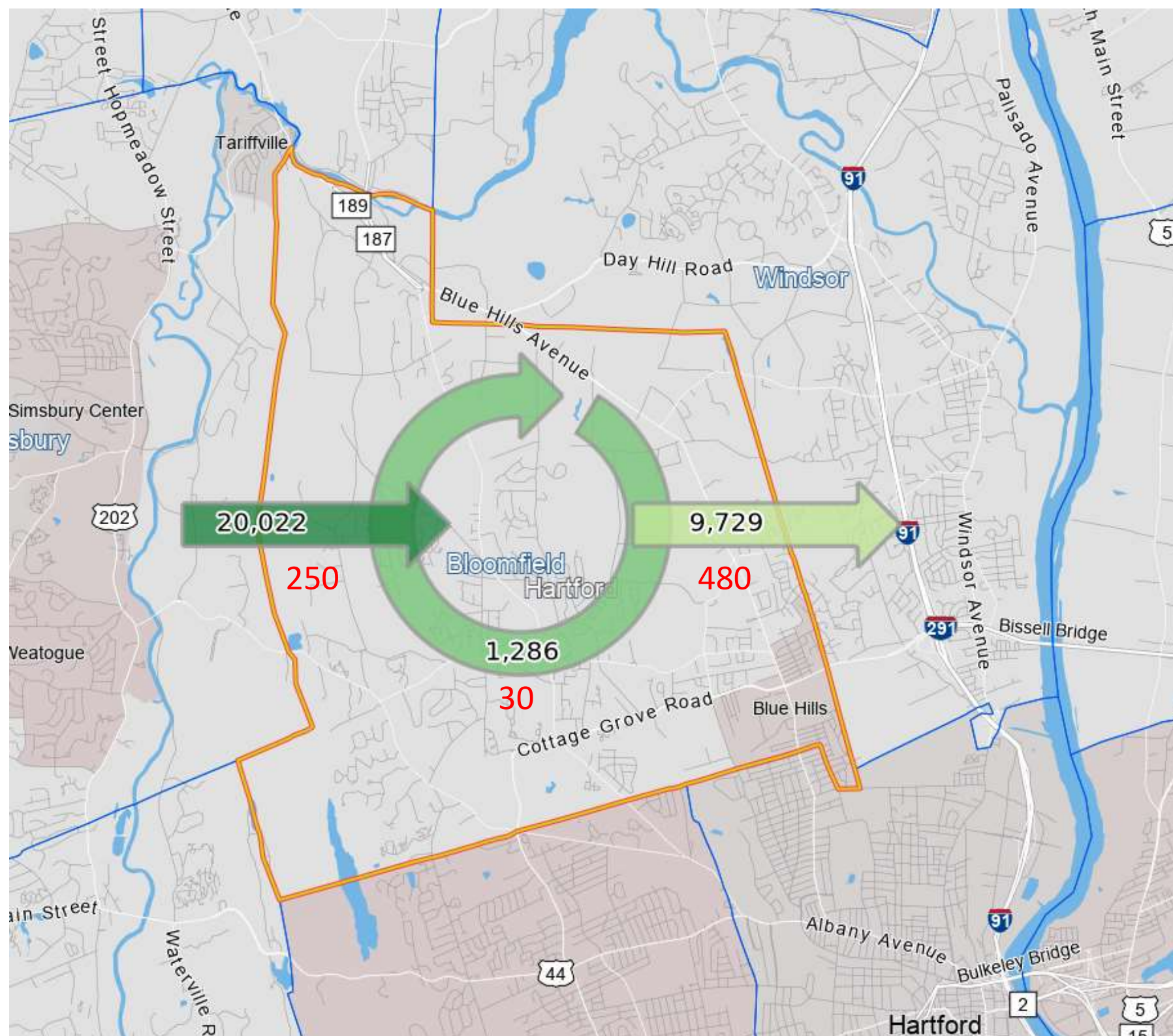
# Employment Centers

Approximately 21,300 jobs in Bloomfield

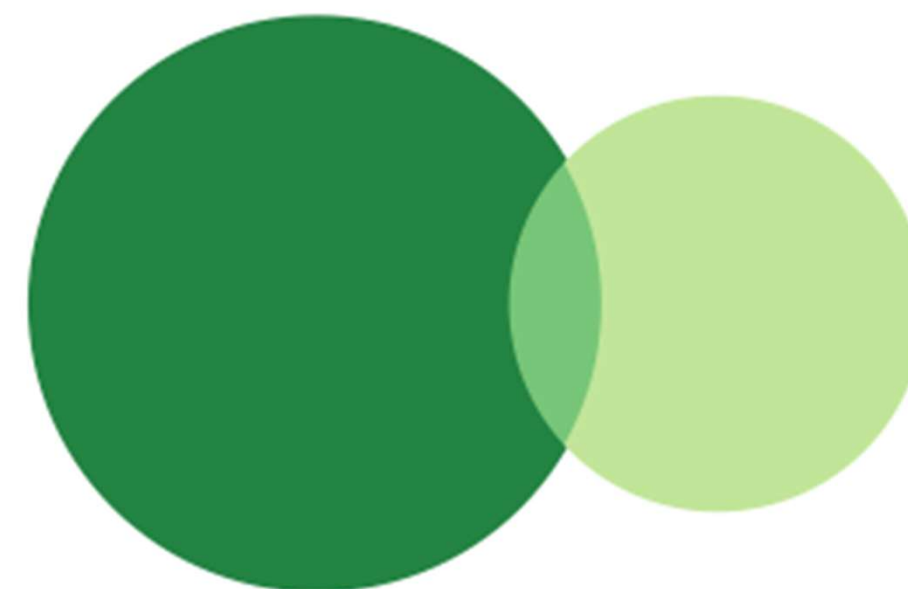




# Travel to Work



Inflow/Outflow Job Counts in 2015



- 20,022 - Employed in Selection Area, Live Outside
- 9,729 - Live in Selection Area, Employed Outside
- 1,286 - Employed and Live in Selection Area

Note: Overlay arrows do not indicate directionality of worker flow between home and employment locations.

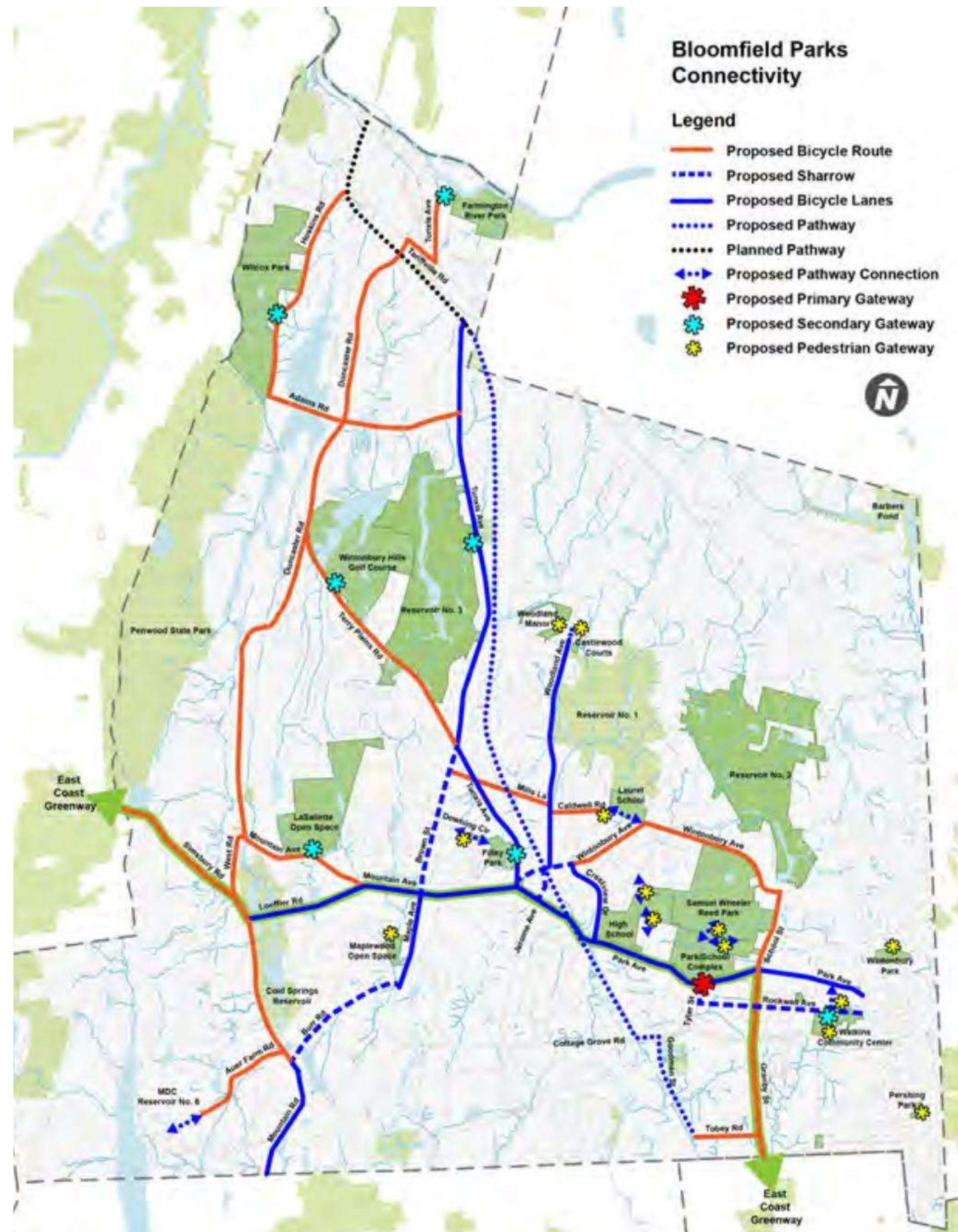
- Employed and Live in Selection Area
- Employed in Selection Area, Live Outside
- Live in Selection Area, Employed Outside

<https://onthemap.ces.census.gov/>



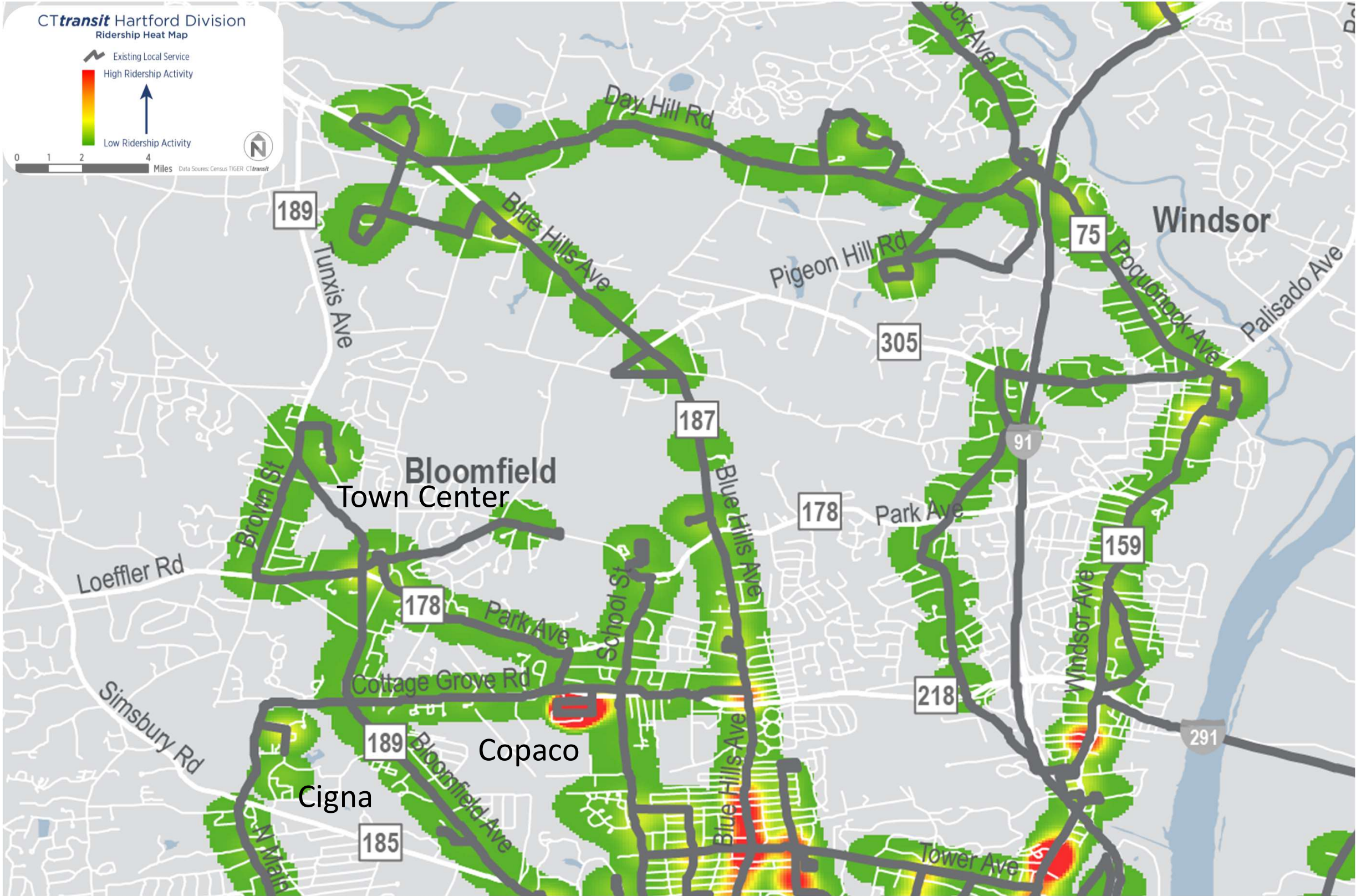
# 2014 Park Master Plan

- Inventory of parks, playgrounds, programs and green space
- Assessment of park amenities and conditions
- Identified lack of connectivity and accessibility
- Suggested improvements
  - On-street bicycle lanes
  - Bicycle routes (signage)
  - Rail-to-trail :





# Transit Heat Map





# Thank you!

## Contacts & Further Information

<https://www.bloomfieldct.gov/planning-and-zoning>

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